

## OIB - DC-8 11/11/11 Science Report

**Aircraft:** [DC-8 - AFRC](#) ([See full schedule](#))

**Date:** Friday, November 11, 2011

**Mission:** OIB


**Mission Summary:**

This is an old format science report that was automatically transferred in its original format.

**Submitted by:** Jhony R. Zavaleta on 11/12/11

**File:**

 [IceBridge\\_2011-11-11\\_DC-8\\_Report.pdf](#)

 [IceBridge\\_2011-11-11\\_DC-8\\_Plan.pdf](#)

**Related Flight Report:**

### DC-8 11/11/11 - 11/12/11

**Flight Number:** 120122

**Payload Configuration:** DC-8 OIB Deployment - Chile 2011

**Nav Data Collected:** Yes

**Total Flight Time:** 11 hours

**Comments:** Take-off was delayed to allow forecasted weather over the data site to clear. The delay paid off with mostly clear skies over Thwaites Glacier. All objectives were met. And as a bonus, a leg was flown over the now famous Pine Island Rift at 10K ft. for ATM. The view was spectacular of both the rift and glacier edge under sunny skies. Predictions for full separation of the ice mass are anywhere from weeks to months. One airfield overflight was made for ATM calibration. All instruments operated well and the aircraft is ready for the next flight.

**Submitted by:** Chris Miller on 11/12/11

**Flight Segments:**

<b>From:</b>	Punta Arenas, Chile	<b>To:</b>	Punta Arenas, Chile
<b>Start:</b>	11/11/11 14:11 Z	<b>Finish:</b>	11/12/11 01:08 Z
<b>Flight Time:</b>	11 hours		
<b>Log Number:</b>	<a href="#">128005</a>	<b>PI:</b>	Michael Studinger
<b>Funding Source:</b>	Bruce Tagg - NASA - SMD - ESD Airborne Science Program		
<b>Purpose of Flight:</b>	Science		

**Flight Hour Summary:**

	118008	128005
<b>Flight Hours Approved in SOFRS</b>		356
<b>Total Used</b>	0	308.7
<b>Total Remaining</b>		47.3

#### 128005 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
<a href="#">10/04/11</a>	120101	Check	2.7	2.7	353.3	
<a href="#">10/05/11</a>	120102	Check	3.6	6.3	349.7	
<a href="#">10/09/11 - 10/10/11</a>	120103	Ferry	10.4	16.7	339.3	
<a href="#">10/10/11</a>	120104	Ferry	3.3	20	336	
<a href="#">10/12/11</a>	120105	Science	11.9	31.9	324.1	
<a href="#">10/13/11</a>	120106	Science	11.2	43.1	312.9	
<a href="#">10/14/11</a>	120107	Science	11.5	54.6	301.4	
<a href="#">10/17/11</a>	120108	Science	11.5	66.1	289.9	
<a href="#">10/18/11</a>	120109	Science	11	77.1	278.9	
<a href="#">10/20/11</a>	120110	Science	11.7	88.8	267.2	

<a href="#">10/21/11</a>	120111	Science	11	99.8	256.2
<a href="#">10/23/11</a>	120112	Science	11.8	111.6	244.4
<a href="#">10/24/11</a>	120113	Science	10.7	122.3	233.7
<a href="#">10/25/11</a>	120114	Science	11.5	133.8	222.2
<a href="#">10/26/11</a>	120115	Science	11.3	145.1	210.9
<a href="#">10/29/11</a>	120116	Science	11.6	156.7	199.3
<a href="#">10/30/11</a>	120117	Science	11.7	168.4	187.6
<a href="#">11/03/11</a>	120118	Science	11.7	180.1	175.9
<a href="#">11/04/11 - 11/05/11</a>	120119	Science	11.6	191.7	164.3
<a href="#">11/07/11</a>	120120	Science	12	203.7	152.3
<a href="#">11/09/11 - 11/10/11</a>	120121	Science	12.5	216.2	139.8
<a href="#">11/11/11 - 11/12/11</a>	120122	Science	11	227.2	128.8
<a href="#">11/12/11 - 11/13/11</a>	120123	Science	11.6	238.8	117.2
<a href="#">11/13/11</a>	120124	Science	11.2	250	106
<a href="#">11/14/11</a>	120125	Science	9.7	259.7	96.3
<a href="#">11/16/11</a>	120126	Science	11.8	271.5	84.5
<a href="#">11/17/11</a>	120127	Science	11.2	282.7	73.3
<a href="#">11/19/11</a>	120128	Science	11.1	293.8	62.2
<a href="#">11/22/11</a>	120131	Ferry	0.4	294.2	61.8
<a href="#">11/22/11</a>	120129	Ferry	3.3	297.5	58.5
<a href="#">11/22/11 - 11/23/11</a>	120130	Ferry	11.1	308.6	47.4

**Source URL:** [https://airbornescience.nasa.gov/science\\_reports/OIB\\_-\\_DC-8\\_11\\_11\\_11\\_Science\\_Report#comment-0](https://airbornescience.nasa.gov/science_reports/OIB_-_DC-8_11_11_11_Science_Report#comment-0)

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*Flight Reports began being entered into this system as of 2012 flights. If there were flights flown under an earlier log number the flight reports are not available online.*